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SEWER FUND CAPITAL PROJECTS SUMMARY OF APPROPRIATIONS

				FY 2009
\$1,000,000	\$2,000,000	\$2,000,000	\$2,500,000	\$3,500,000
				2,600,000
, ,		,	,	3,000,000
0,700,000	2,700,000	1,230,000	3,000,000	3,000,000
9,350,000	13,300,000	6,350,000	5,600,000	9,100,000
500,000	500,000	500,000	500,000	500,000
350,000	400,000	400,000	400,000	400,000
100,000	100,000	100,000	100,000	100,000
0	0	0	500,000	1,000,000
0	0	0	0	2,300,000
500,000	100,000	100,000	100,000	100,000
1,200,000	2,500,000	1,000,000	1,000,000	1,700,000
2,650,000	3,600,000	2,100,000	2,600,000	6,100,000
6,700,000	9,600,000	3,500,000	3,000,000	3,000,000
0	100,000	750,000	0	0
6,700,000	9,700,000	4,250,000	3,000,000	3,000,000
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
\$9,350,000	\$13,300,000	\$6,350,000	\$5,600,000	\$9,100,000
	500,000 350,000 100,000 0 500,000 1,200,000 6,700,000 0 6,700,000	1,650,000 1,600,000 6,700,000 9,700,000 9,350,000 13,300,000 500,000 500,000 350,000 400,000 100,000 100,000 0 0 500,000 100,000 1,200,000 2,500,000 2,650,000 3,600,000 6,700,000 9,600,000 0 0	1,650,000 1,600,000 100,000 6,700,000 9,700,000 4,250,000 9,350,000 13,300,000 500,000 350,000 400,000 400,000 100,000 100,000 100,000 0 0 0 500,000 100,000 100,000 1,200,000 2,500,000 1,000,000 2,650,000 3,600,000 2,100,000 6,700,000 9,600,000 3,500,000 6,700,000 9,700,000 4,250,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1,650,000 1,600,000 100,000 100,000 6,700,000 9,700,000 4,250,000 3,000,000 9,350,000 13,300,000 6,350,000 5,600,000 500,000 500,000 500,000 500,000 350,000 400,000 400,000 400,000 100,000 100,000 100,000 100,000 0 0 0 0 0 500,000 100,000 100,000 100,000 100,000 1,200,000 2,500,000 1,000,000 1,000,000 1,000,000 2,650,000 3,600,000 2,100,000 2,600,000 3,000,000 6,700,000 9,600,000 3,500,000 3,000,000 0 6,700,000 9,700,000 4,250,000 3,000,000 0 0 0 0 0 0 0 0 0 0



SEWER FUND CAPITAL PROJECTS FINANCING PLAN

As part of the annual budget process, the City appropriates funding for capital projects in accordance with the Five Year Capital Improvement Plan. Typically, the City conducts annual bond financings in the last half of each fiscal year. New bond issues are based on the expected cash flow requirements of projects between bond sales and may differ from funding requirements for annual appropriations.

	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Balance Forward	\$3,448,023	\$2,978,814	\$2,897,481	\$3,214,148	\$2,530,815
Income:					
Pay-as-you-go from Sewer Operating Fund	1,000,000	2,000,000	2,000,000	2,500,000	3,500,000
Grant Proceeds	1,944,412	0	0	0	0
General Obligation Bond Proceeds	2,600,000	1,000,000	900,000	0	0
Virginia Revolving Loan Fund Proceeds	7,850,000	7,550,000	5,325,000	6,825,000	3,000,000
Line of Credit Borrowing	0	100,000	0	0	0
Line of Credit Repayment	0	0	(100,000)	0	0
Balance and Income	16,842,435	13,628,814	11,022,481	12,539,148	9,030,815
Cash Flow Requirements					
Incomplete local projects	2,544,209	623,000	0	0	0
Incomplete grant projects	1,944,412	0	0	0	0
Incomplete Virginia Revolving Loan Fund projects	4,500,000	1,000,000	0	0	0
FY 2005-2009 CIP Local Projects	1,525,000	2,558,333	2,483,333	3,183,333	4,350,000
FY 2005-2009 CIP Virginia Revolving Loan Fund projects	3,350,000	6,550,000	5,325,000	6,825,000	3,000,000
Total Expenditures	13,863,621	10,731,333	7,808,333	10,008,333	7,350,000
Balance Forward	\$2,978,814 ²	\$2,897,481 ²	\$3,214,148 ²	\$2,530,815	\$1,680,815 ²

¹ Source: Department of Public Works, Utilities Division

² Balance Forward provides estimated funding for projects until the annual bond sale and/or receipt of Virginia Revolving Loan Fund proceeds typically in the last half of the fiscal year.



SEWER FUND CAPITAL PROJECTS DETAIL SUMMARY

FIVE-YEAR PROPOSED	PROGRAMMING	TO BE FINANCE	D BY THE CITY		
Project Title	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
SEWER					
Burton Creek Interceptor Replacement	0	0	0	0	2,300,000
Source of Funding	0			0	900 000
G.O. Bond Pay-As-You-Go	0	0	0	0	800,000 1,500,000
Capitalized Interest Source of Funding	0	0	0	0	0
G.O. Bond	0	0	0	0	0
Fishing Creek Interceptor Replacement Source of Funding	0	0	0	500,000	1,000,000
G.O. Bond	0	0	0	0	1,000,000
Pay-As-You-Go	0	0	0	500,000	0
Major Collection System Repairs	500,000	500,000	500,000	500,000	500,000
Source of Funding	300,000	300,000	300,000	300,000	300,000
Pay-As-You-Go	500,000	500,000	500,000	500,000	500,000
Rainleader Disconnect Program (CSO)	100,000	100,000	100,000	100,000	100,000
Source of Funding	100,000	100,000	100,000	100,000	100,000
G.O. Bond	100,000	0	0	0	0
Pay-As-You-Go	0	100,000	100,000	100,000	100,000
Sewer Extensions	350,000	400,000	400,000	400,000	400,000
Source of Funding		_	_		_
G.O. Bond Pay-As-You-Go	350,000 0	0 400,000	0 400,000	0 400,000	400,000
Fuy-As-10u-00	v	400,000	400,000	400,000	400,000
Sewer Separation/Rehabilitation (CSO)	7,900,000	12,100,000	4,500,000	4,000,000	4,700,000
Source of Funding G.O. Bond	1 200 000	1,600,000	100,000	100,000	800,000
Pay-As-You-Go	1,200,000	800,000	900,000	900,000	900,000
Other	6,700,000	9,700,000	3,500,000	3,000,000	3,000,000
		100.000	750.000	0	
Wastewater Treatment Plant Alternate Disinfection Project Source of Funding	0	100,000	750,000	0	0
Pay-As-You-Go	0	100,000	0	0	0
Other	0	0	750,000	0	0
Wastewater Treatment Plant Improvements	500,000	100,000	100,000	100,000	100,000
Source of Funding	200,000	100,000	100,000	100,000	100,000
Pay-As-You-Go	500,000	100,000	100,000	100,000	100,000
Total Estimates Submitted 05-09 CIP	\$9,350,000	\$13,300,000	\$6,350,000	\$5,600,000	\$9,100,000
	, • • • • •	, ,-		,,	,,
Source of Funding	1 (50 000	1 (00 000	100.000	100 000	1 (00 000
G.O. Bond	1,650,000 1,000,000	1,600,000 2,000,000	100,000 2,000,000	100,000 2,500,000	2,600,000 3,500,000
Pay-As-You-Go Other	6,700,000	2,000,000 9,700,000	4,250,000	2,500,000 3,000,000	3,000,000
ome:	3,. 30,000	2,, 00,000	.,_50,000	2,000,000	2,300,000
	9,350,000	13,300,000	6,350,000	5,600,000	9,100,000



FIVE-YEAR ESTIMATED NET COST	EXPENDITURES THROUGH 6/30/2003	FY 2004 APPROPRIATION	ESTIMATED COST BEYOND PROGRAM PERIOD	TOTAL ACCUMULATED PROJECT COST
2,300,000	o	100,000	0	\$2,400,000
0	0	160,000	0	\$160,000
1,500,000	0	0	0	\$1,500,000
2,500,000	On-going	477,000	On-going	\$2,977,000
500,000	On-going	100,000	On-going	\$600,000
1,950,000	On-going	691,521	On-going	\$2,641,521
33,200,000	On-going	7,386,195	On-going	\$40,586,195
850,000	0	0	0	\$850,000
900,000	0	250,000	0	\$1,150,000
\$43,700,000	\$0	\$9,164,716	\$0	\$52,864,716
\$6,050,000 \$11,000,000 \$26,650,000 \$43,700,000				



Project Title:	Burton Creek I	ntercept	tor Repla	icement										
Project Type:	New Constructi	on/Expa	nsion											
Project Manager(s):	Tim Mitchell. A	ssistant	Director	of Utilities										
Phase of the Project:	01													
Location:	Along Burton C	reek and	d Rock C	Castle Creek a	and a	adjac	ent to	Rout	e 501 a	nd Wa	rds l	Road		
Status of Project Site:	City Owned													
Description:											_	_	_	_
Replacement of 12,000 l.f. of the existing i	nterceptor from I	Burton C	creek/Cu	ster Drive to	Koc	k Ca	istle Ci	eek a	and Rou	ite 501	•			
Operating Budget Impact (Overall operation	ing expenses and	l project	ed staffi	ng requirem	ents)):								
N/A	<u> </u>													
Relationship to Comprehensive Plan:														
Chapter 15, Page 15.7, Goal 1. Provide t	-	_	-	ependable, m	oder	rn, h	igh qu	ality	water a	ınd san	iitar	y sewo	er s	service
with sufficient system capacity to meet the	City's long-term	requiren	nents.											
Department Priority:														
x Project supports essentia	al services													
Timetable:														
			2005	FY 2006			FY 200	_		2008	\dashv	FY	_	
Sub-Project 70 Construction		<i>Q1 Q2</i>	<i>Q3 Q4</i>	Q1 Q2 Q3 X X	Q4	Q1	Q2 Q3	3 Q4	Q1 Q2	2 Q3 g	Q4	Q1 Q2	? 0	Q3 Q4
, o construction		АА	АА	AA				<u> </u>		I I	_		_	
Total Project Cost														
Expenditures through 6/30/2003	Appropriated	2004	I	Requested		E	Beyona	IFY.	2009	To	tal .	Projec	:t C	ost
\$0	\$100,000)	\$2	2,300,000							\$2.	,400,0	00	
Five Year Proposed Project Appropriation	n by Sub-Projec	t			_	_	_	_	_	_	_	—	_	
											Т		Pro	gram
Sub-Projects	FY 2005	, r	FY 2006	FY 20	207		EV.	2008		FY 200	امم			Period timate
Construction	F1 2003	1	1 2000	1120	/0 /		FIZ	2000		300,00				0,000
TOTAL	\$0		\$0		\$0			\$0		300,00	_			0,000
Five Year Proposed Project Appropriation	n by Fund													
4022 Sewer Capital Project Fund	Ī			Ì	П				2.	,300,00	00	\$2,	300	0,000
TOTAL	\$0		\$0		\$0			\$0	\$2,	,300,00	0	\$2,	,300	0,000
Five Year Proposed Project Expenditure	by Source of Fu	nding									_		_	
Sources of Funding	FY 2005		Y 2006	FY 20	007 I		FY	2008		FY 200	09 l	Total	Fu	nding
G.O. Bond	= = 2000									850,00	_			0,000
Pay-As-You-Go										300,00	_			0,000
TOTAL	\$0		\$0		\$0			\$0	\$1,	,150,00	0	\$1,	,150	0,000
											_		_	
Sources of Project Funding FY 2005 - 20	09 (in percent)													

Local:

100%



Project Title:	Fishing Creek	Inte	rcep	otor R	epl	acer	ne	ent													
Project Type:	New Constructi	on/I	Expa	nsion	l																
Project Manager(s):	Tim Mitchell. A	Assis	stant	Direc	etor	of U	Uti	iliti	es												
Phase of the Project:	01																				
Location:	Along Fishing (Cree	k fro	om M	urra	ay P	lac	ce to	o Cano	iler's	з Мо	ounta	iin R	oad.							
Status of Project Site:	City Easements																				
Description:																					
Replacement of 9,100 l.f. of the final divis	ion of the main in	iterc	ento	or serv	zinc	the	F	ishi	ng Cre	ek c	Irair	nage	hasi	n					_		_
replacement of 9,100 i.i. of the final divis	ion of the main in	itere	сри)1 SC1	ع1111	, uic	, 1	13111	ng Civ	JUK C	11 411	nage	oası	11.							
Operating Budget Impact (Overall operat	ting expenses and	l nr	oiect	ted sta	ıffi	no r	·ea	uir	em en t	6).							_		_		_
N/A	ing expenses uni	ı pre	,jeei	cu su	ıjjı.	15	сq	uii	cmeni	٠,٠											
Relationship to Comprehensive Plan:																					
Chapter 15, Page 15.7, Goal 1. Provide with sufficient system capacity to meet the	-					pen	da	ble	, mode	ern,	higł	n qua	lity	wate	r aı	nd sa	ani	tary	sewe	r se	rvice
Department Priority:		_			_	_	_	_			_				_					_	
x Project supports essentia	al services																				
Timetable:						_													_		_
			\overline{FY}	2005			FY	Y 20	006	I	FY	200	7		FY.	2008	8	T	FY.	200	9
Sub-Project			02		Q 4	Q1	_		23 Q4	Q1	Q2	_		Q1	Q2	Q3	_	4 Q	_	Q3	_
00 City Engineering Service Charge	es						Г										λ			Х	
40 Consultant Engineering														X	X	X					
70 Construction																	χ	X	X	X	X
T. (ID.) (C.)					_		_								_		_				
Total Project Cost	1									_	_			• • • •							
Expenditures through 6/30/2003	Appropriated	200)4			equ				-	Веу	ond	FY.	2009		1			ojeci		st
\$0	\$0				\$.	1,50	0,0	uuu									_	\$1,5	00,00)0	
Five Year Proposed Project Appropriation	n by Sub-Projec	t																			
																				Pe	gram eriod
Sub-Projects City Engineering Service Charges	FY 2005		I	FY 20	06			FY	2007	-		FY 2				7Y 2	00	+			mate
Consultant Engineering	+											150,						+		_	,000,
Construction Construction	+											330,			1.0	,000	000	,		_	,000
TOTAL	\$0				\$0				\$0			500,				000,		_			,000
Five Year Proposed Project Appropriatio	on by Fund									_											
4022 Sewer Capital Project Fund	<u>n</u> by Fund		_							_	_	500,	000	ı	1 (,000	000	Π	Q1 /	200	,000
TOTAL	\$0				\$0				\$0			500,				000,0		_			,000
				,	Þυ				φu		Φ.	300,	000) 1,(,00,	JUL		\$1,	,000	,000
Five Year Proposed Project Expenditure	by Source of Fu	ndi	ng																		
Sources of Funding	FY 2005		I	FY 20	06			F}	2007			FY 2				7Y 2					ding
Pay-As-You-Go	1	$ldsymbol{ldsymbol{ldsymbol{eta}}}$										250,				750,0		_			,000
TOTAL	\$0				\$0				\$0		\$	250,	000		\$7	750,	000		\$1,0)00,	,000
Comment of Park of Par	200 (:				_										_		_				
Sources of Project Funding FY 2005 - 20					_										_		_				
Local: 100%	ó																				



Project Title:	Major Collection	on Syste	m Repa	iirs	ï											
Project Type:	New Constructi	on/Expa	ansion													
Project Manager(s):	Tim Mitchell, A	Assistant	Directo	or c	of Utili	ties										
Phase of the Project:	Continuing															
Location:	Various location	ns in the	City													
Status of Project Site:	City Easements	or Righ	its of W	ay.												
Description:				_									_			_
Major repairs or replacement of the City's Division.	Wastewater Coll	ection S	ystem.	Co	osts of	repairs a	ire b	eyond	norm	al op	erati	ng bu	ıdg	et for th	ie Ut	tility
Operating Budget Impact (Overall operation	ing expenses and	d project	ted stafj	fins	g requ	irement	s):									
N/A																
Relationship to Comprehensive Plan:																
Chapter 15, Page 15.7, Goal 1, <i>Objective 1</i> of the existing water system and replaceme		e & Repl	lacemer	nt.	Contir	nue with	Pub	lic Wo	rks D	epart	men	t's foc	cus	on mai	ntena	ance
Department Priority: (mark all that apply,):															
x Project supports essentia	al services															
Timetable:												_				
		FY	2005		FY.	2006		FY 20			FY 2	008		FY	2009	<u>) </u>
Sub-Project		<i>Q1 Q2</i>	Q3 Q4		Q1 Q2	Q3 Q4	Q1		3 Q4	Q1	<i>Q2</i>		24	Q1 Q2	<i>Q3</i>	Q 4
70 Construction		X X	X X		X X	X X	X	X	X X	X	X	X	X	X X	X	X
Total Project Cost																
Expenditures through 6/30/2003	Appropriated	1 2004	1	Ro	queste	od .		Beyon	d FV	2009	1	To	tal	Projec	t Cos	c#
Continuing	\$477,000				500,00				ntinui:			10		2,977,00		<u>,,</u>
				Ψ=,	200,00				Territori	8			Ψ	,,,,,,,,		_
Five Year Proposed Project <u>Appropriation</u>	<u>n</u> by Sub-Projec	t		_									_			
														1	Progr Per	ram riod
Sub-Projects	FY 2005		FY 2000	_		FY 2007			2008			Y 200			Estim	
Construction	500,000		500,000	-		500,000			0,000			00,00	_		500,0	
TOTAL	\$500,000	\$5	500,000)	\$5	500,000		\$500	,000		\$50	00,00	0	\$2,	500,0)00
Five Year Proposed Project Appropriation	n by Fund															
4022 Sewer Capital Project Fund	500,000		500,000	T	5	500,000		500	0,000	I	50	00,00	0	\$2,	500,0	000
TOTAL	\$500,000	\$5	500,000		\$5	500,000		\$500	,000		\$50	00,00	0	\$2,	500,0)00
Five Year Proposed Project Expenditure	by Source of Fu	inding		_									_			
Sources of Funding	FY 2005		FY 2000	5 l	,	FY 2007	П	FY	2008	1	F	Y 200	99 l	Total 1	Fund	lino
Pay-As-You-Go	250,000		500,000			500,000),000	t		00,00			250,0	
TOTAL	\$250,000		500,000	_		500,000),000			00,00	_		250,0	
Sources of Project Funding FY 2005 - 20						•										

Local:

100%



Project Title:	Rainleader Disconn	ect Program	(CSO)			
Project Type:	New Construction/E	xpansion				
Project Manager(s):	Greg Poff, CSO Prog	gram Manag	er			
Phase of the Project:	Continuing					
Location:	Various locations in	combined se	ewer area.			
Status of Project Site:	N/A					
Description:						
Combined Sewer Overflow (CSO) program	n for disconnecting rai	inleaders fro	m the City sewer	system.		
Operating Budget Impact (Overall operation	ing avnausas and nuo	ingtod staffi	na naguinam ants)•		
N/A	ing expenses ana proj	jeciea stajjii	ig requirements)); 		
Relationship to Comprehensive Plan:						
Chapter 15, Page 15.9, Goal 2. Maintain program with a goal of program completion		ommitment t	o execution of the	ne City's Combin	ned Sewer Over	flow elimination
Department Priority:						
X Project has legal or regu	latory mandate					
Timetable:						
	<i>I</i>	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009

Total	Droiget	Cost

40 Consultant Engineering

90 Miscellaneous

Sub-Project

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$100,000	\$500,000	Continuing	\$600,000

Five Year Proposed Project Appropriation by Sub-Project

						Program
						Period
Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Estimate
Consultant Engineering	50,000	50,000	50,000	50,000	50,000	\$250,000
Miscellaneous	50,000	50,000	50,000	50,000	50,000	\$250,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

Five Year Proposed Project Appropriation by Fund

4022 Sewer Capital Project Fund	100,000	100,000	100,000	100,000	100,000	\$500,000
TOTAL	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Pay-As-You-Go	50,000	100,000	100,000	100,000	100,000	\$450,000
TOTAL	\$50,000	\$100,000	\$100,000	\$100,000	\$100,000	\$450,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	Sewer Extensions
Project Type:	New Construction/Expansion
Project Manager(s):	Tim Mitchell, Assistant Director of Utilities and Lee Newland, Director of Engineering
Phase of the Project:	Continuing
Location:	Various locations in City
Status of Project Site:	N/A

Description:

Provide for the extension of sewer lines into unserved areas of the City due to new construction, failed septic systems or economic development. Also used to reimburse developers per City Code for constructing City sewers.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

N/A

Relationship to Comprehensive Plan:

Chapter 15, Page 15.8, Goal 1, Objective 1F. Sewer Service extension. Evaluate the City's program to provide sanitary sewer service to unsewered areas within the City limits.

Department Priority:

x Project supports essential services

Project contributes to generation of new revenue

Timetable:

		FYZ	2005	7		FY 2	2006	í		FY 2	2007	7		FYZ	2008			FY 2	2009	,
Sub-Project	Q1	Q 2	QЗ	Q 4	Q1	Q 2	Q3	Q 4	Q1	Q 2	QЗ	Q 4	Q1	Q 2	QЗ	Q 4	Q1	Q2	Q3	Q 4
00 City Engineering Service Charges	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	X	X	X
70 Construction	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
80 Contingency	Х	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	Х	X	X	X

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
Continuing	\$691,521	\$1,950,000	Continuing	\$2,641,521

Five Year Proposed Project Appropriation by Sub-Project

						Program Period
Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Estimate
City Engineering Service Charges	40,000	40,000	40,000	40,000	40,000	\$200,000
Construction	270,000	320,000	320,000	320,000	320,000	\$1,550,000
Contingency	40,000	40,000	40,000	40,000	40,000	\$200,000
TOTAL	\$350,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,950,000

Five Year Proposed Project Appropriation by Fund

4022 Sewer Capital Project Fund	350,000	400,000	400,000	400,000	400,000	\$1,950,000
TOTAL	\$350,000	\$400,000	\$400,000	\$400,000	\$400,000	\$1,950,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Pay-As-You-Go	175,000	375,000	400,000	400,000	400,000	\$1,750,000
TOTAL	\$175,000	\$375,000	\$400,000	\$400,000	\$400,000	\$1,750,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%



Project Title:	Sewer Separation/Rehabilitation (CSO)
Project Type:	New Construction/Expansion
This project has a component in:	Sewer Capital Project Fund and Sewer VRLF Capital Project Fund
Project Manager(s):	Greg Poff, CSO Program Manager
Phase of the Project:	Continuing
Location:	Various locations in City.
Status of Project Site:	N/A
Description:	
1	ing combined sewers including construction of new lines with low interest State loans and local nt on Federal and State funding availability.
Operating Budget Impact (Overall ope	erating expenses and projected staffing requirements):
N/A	

Relationship to Comprehensive Plan:

Chapter 15, Page 15.9, Goal 2. Maintain the priority of and commitment to execution of the City's Combined Sewer Overflow elimination program with a goal of program completion of 2020.

Department Priority:

Project has legal or regulatory mandate

Project has State and Federal funding

Project supports essential services

Timetable:

X

		FYZ	2005	5		FY	2006	í		FY 2	2007	7		FY	2008	}		FY 2	2009	<u>, </u>
Sub-Project	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q 2	Q3	Q4	Q1	Q2	Q3	Q 4	Q1	Q2	Q3	Q 4
00 City Engineering Service Charges	Х	X	X	Х	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
40 Consultant Engineering	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
50 Contract Administration (Contractual)	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	X	X	X	Х	Х	Х	X	Х
60 Inspections (Contractual)	X	Х	X	Х	X	X	X	X	X	X	X	X	X	X	X	Х	X	X	X	X
70 Construction	Х	X	X	Х	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Total Project Cost

Exp	enditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
	Continuing	\$7,386,195	\$33,200,000	Continuing	\$40,586,195

Five Year Proposed Project Appropriation by Sub-Project

						Program Period
Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Estimate
City Engineering Service Charges	158,000	242,000	90,000	80,000	94,000	\$664,000
Consultant Engineering	395,000	605,000	225,000	200,000	235,000	\$1,660,000
Contract Administration (Contractual)	135,880	208,120	77,400	68,800	80,840	\$571,040
Inspections (Contractual)	259,120	396,880	147,600	131,200	154,160	\$1,088,960
Construction	6,952,000	10,648,000	3,960,000	3,520,000	4,136,000	\$29,216,000
TOTAL	\$7,900,000	\$12,100,000	\$4,500,000	\$4,000,000	\$4,700,000	\$33,200,000

Five Year Proposed Project Appropriation by Fund

TOTAL	\$7,900,000	\$12,100,000	\$4,500,000	\$4,000,000	\$4,700,000	\$33,200,000
4023 Sewer VRLF Capital Project Fund	6,700,000	9,600,000	3,500,000	3,000,000	3,000,000	\$25,800,000
4022 Sewer Capital Project Fund	1,200,000	2,500,000	1,000,000	1,000,000	1,700,000	\$7,400,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
G.O. Bond	525,000	558,333	483,333	683,334		\$2,250,000
Pay-As-You-Go	75,000	925,000	900,000	1,150,000	1,350,000	\$4,400,000
Other	3,350,000	6,500,000	4,900,000	6,450,000	3,000,000	\$24,200,000
TOTAL	\$3,950,000	\$7,983,333	\$6,283,333	\$8,283,334	\$4,350,000	\$30,850,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 22% State/Federal: 78%



Project Title:	Wastewater Treatment Plant Alternate Disinfection Project
Project Type:	New Construction/Expansion
This project has a component in:	Sewer VRLF Capital Project Fund
Project Manager(s):	Tim Mitchell. Assistant Director of Utilities
Phase of the Project:	01
Location:	Waste Water Treatment Plant on Concord Turnpike
Status of Project Site:	City Owned

Description:

Installation of an alternative disinfection system. Originally installed in 1974, the current facilities are in need of replacement with a safer process to eliminate the hazards of liquid chlorine.

Operating Budget Impact (Overall operating expenses and projected staffing requirements):

Undetermined until designed.

Relationship to Comprehensive Plan:

Chapter 15, Page 15.7, Goal 1. Provide the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service with sufficient system capacity to meet the City's long-term requirements.

Department Priority:

x Project supports essential services

Timetable:

		FY	2005			FY 2	2006	í	Ι.	FY 2	2007	,		FY 2	2008	}		FY 2	2009	,
Sub-Project	Q1	Q 2	Q 3	Q 4	Q1	Q 2	Q3	Q 4	Q1	Q 2	Q 3	Q 4	Q1	Q 2	Q 3	Q 4	Q1	Q2	Q 3	Q 4
40 Consultant Engineering					X	X	X	X												
50 Contract Administration (Contractual)									X	X	X	X								
60 Inspections (Contractual)									X	X	X	X								
70 Construction									X	X	X	X								

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
\$0	\$0	\$850,000		\$850,000

Five Year Proposed Project Appropriation by Sub-Project

						Program Period
Sub-Projects	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Estimate
Consultant Engineering		100,000				\$100,000
Contract Administration (Contractual)			10,000			\$10,000
Inspections (Contractual)			15,000			\$15,000
Construction			725,000			\$725,000
TOTAL	\$0	\$100,000	\$750,000	\$0	\$0	\$850,000

Five Year Proposed Project Appropriation by Fund

4022 Sewer Capital Project Fund		100,000				\$100,000
4023 Sewer VRLF Capital Project Fund			750,000			\$750,000
TOTAL	\$0	\$100,000	\$750,000	\$0	\$0	\$850,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Other		50,000	425,000	375,000		\$850,000
TOTAL	\$0	\$50,000	\$425,000	\$375,000	\$0	\$850,000

Sources of Project Funding FY 2005 - 2009 (in percent)

 Local:
 0%

 State/Federal:
 100%



Project Title:	Wastewater Treatment Plant Improvements
Project Type:	New Construction/Expansion
This project has components in:	Sewer VRLF Capital Project Fund
Project Manager(s):	Tim Mitchell. Assistant Director of Utilities
Phase of the Project:	01
Location:	Waste Water Treatment Plant on Concord Turnpike
Status of Project Site:	City Owned
Description: General repairs, replacement or renovat	tion to major plant process equipment or structures at the Wastewater Treatment Plant.
Operating Budget Impact (Overall ope	rating expenses and projected staffing requirements):
N/A	
Relationship to Comprehensive Plan:	
Chapter 15, Page 15.7, Goal 1. Provide with sufficient system capacity to meet	de the citizens of Lynchburg with dependable, modern, high quality water and sanitary sewer service the City's long-term requirements.
Department Priority:	
X Project supports esser	ntial services

Timetable:

		FYZ	2005	7		FY 2	2006	í		FY 2	2007	•	,	FY 2	2008	}		FY 2	2009	,
Sub-Project	Q1	Q2	Q3	Q 4	Q1	Q2	Q3	Q 4	Q1	Q 2	Q 3	Q 4	Q1	Q2	Q 3	Q 4	Q1	Q2	Q 3	Q 4
40 Consultant Engineering	X	X	X	X	X	Х	X	X	X	X	X	X	X	X	X	Х	Х	Х	X	X
70 Construction	Х	X	X	X	Х	Х	X	X	X	X	X	X	X	X	Х	Х	Х	Х	X	X

Total Project Cost

Expenditures through 6/30/2003	Appropriated 2004	Requested	Beyond FY 2009	Total Project Cost
\$0	\$250,000	\$900,000		\$1,150,000

Five Year Proposed Project Appropriation by Sub-Project

					Program
					Period
FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Estimate
20,000	20,000	20,000	20,000	20,000	\$100,000
					\$0
					\$0
80,000	80,000	80,000	80,000	80,000	\$400,000
					\$0
400,000					\$400,000
\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$900,000
	20,000 80,000 400,000	20,000 20,000 80,000 80,000 400,000	20,000 20,000 20,000 80,000 80,000 80,000 400,000	20,000 20,000 20,000 20,000 80,000 80,000 80,000 80,000 400,000	20,000 20,000 20,000 20,000 80,000 80,000 80,000 80,000 400,000 80,000 80,000

Five Year Proposed Project Appropriation by Fund

4022 Sewer Capital Project Fund	500,000	100,000	100,000	100,000	100,000	\$900,000
4023 Sewer VRLF Capital Project Fund						\$0
TOTAL	\$500,000	\$100,000	\$100,000	\$100,000	\$100,000	\$900,000

Five Year Proposed Project Expenditure by Source of Funding

Sources of Funding	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	Total Funding
Pay-As-You-Go	450,000	100,000	100,000	100,000	100,000	\$850,000
TOTAL	\$450,000	\$100,000	\$100,000	\$100,000	\$100,000	\$850,000

Sources of Project Funding FY 2005 - 2009 (in percent)

Local: 100%





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